

ABSTRACT OF THE DISCLOSURE

An aspheric lens focuses light emitting from a light-emitting diode (LED) of a light-generating dental device for curing light-curable compounds during dental procedures. The LED is preferably affixed to the end of an extension arm extending away from a light-generating dental device. A transparent shield, which is removably attachable to the extension arm, protects the aspheric lens from physical contact during use. The aspheric lens, which has a flat end and an aspheric end, is held in place by the extension arm and/or the transparent shield with the flat end of the aspheric lens being held in close proximity to the LED. Light emitted from the LED enters the flat end of the lens and exists the aspheric end of the lens, which focuses the light for curing light-curable compounds during dental procedures.

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WORKMAN, NYDEGGER & SEELEY
A PROFESSIONAL CORPORATION
ATTORNEYS AT LAW
1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111